

ABSTRACT OF THE DISCLOSURE

A non-contact extrusion nozzle head for applying sealant material to a U-shaped receiving channel defined by two panes of glass and a spacer frame for forming an insulated glass assembly.

5 The non-contact extrusion nozzle head includes a nozzle head housing having a nozzle inlet channel extending into the nozzle head housing, and the nozzle head housing having a nozzle extension member mounted thereon. The nozzle extension member has a nozzle outlet channel formed therein which is connected to the nozzle inlet channel for receiving sealant material from the nozzle inlet channel. The nozzle head housing further includes an interior chamber formed in the nozzle extension member which has a nozzle outlet opening, the interior chamber being connected to the nozzle outlet channel for receiving sealant material therefrom. The
10 nozzle outlet opening applies sealant material to fill the space defined by the U-shaped receiving channel between the two panes of glass and the spacer frame.

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